

CLEAN COPY

RECEIVED
CENTRAL FAX CENTER

APR 27 2009

GARMENT

1. Field of the Invention.

5 [0001] The present invention relates to a garment for the torso or the upper part of the body, such as a bustier bra, top, T-shirt, body wrap, body suit, bathing suit or the like, consisting of seamless circular-knit cotton or circular-knit polyamide (microfiber yarn) with a component of elastane fiber, whereby the garment has zones of variable elasticity.

2. Description of the Prior Art.

10 [0002] From DE-U-202 08 043, for example, a body-massage fabric is known which is seamless circular-knit as knitwear of synthetic fiber with a component consisting of an elastic yarn. The fabric is of bi-clastic design and has lifting or shaping characteristics due to the variable elasticity.

BRIEF SUMMARY OF THE INVENTION

15 [0003] The object of the present invention is to provide garments with special lifting or shaping characteristics which in addition will provide an especially pleasant wearing sensation.

[0004] This object is achieved by means of the characterizing part of Claim I. Further developments and advantageous embodiments of the invention are contained in the sub-claims.

20

[0005] According to the invention, a garment for the torso or the upper part of the body, such as a bustier bra, top, T-shirt, body suit or the like, consisting of seamless circular-knit cotton or circular-knit polyamide (microfiber yarn) with a component of elastane, whereby the garment has zones of variable compression, is characterized in that strong compression zones providing
25 greater support are knitted into the garment, and two lamellar support tapes of high compression extend crosswise over the back, and that this can also be achieved by using a stronger yarn, i.e. a higher titer.

[0006] According to an advantageous embodiment of the invention, in a women's garment another lamellar compression zone extends below the breast, lifting and shaping it, whereby said
30 lamellar compression zone merges into the lower ends of the crosswise compression zones of the back.

- 2 -

[0007] According to another advantageous embodiment of the invention, another lamellar compression zone is arranged circumferentially around the body at the level of the cervical spine and/or the lumbar spine.

5

[0008] According to yet another advantageous embodiment of the invention, the compression zone for the abdominal region extends between the lamellar compression zone in the region of the lumbar spine and the lamellar compression zone, which is arranged below the breast to give it a lift.

10

[0009] In the garment according to the invention, zones of variable transparency and support effect can be provided which may contain information such as size, material composition and/or laundry instructions, which are preferably knitted and integrated into the trim of the material; it can be provided with soft, wide and non-incisive trim sections, it can be provided with a yarn with antibacterial effect, it can be breathable, sweat-absorbing and/or quick-drying, and it may have micromassage naps. It is bi-elastic and form-fitting.

15

[0010] Also according to the invention is a garment for the lower body such as panties, skirt, leggings, underpants, panty hose or the like, made of seamless circular-knit cotton or polyamide yarn (microfiber yarn) with a component of elastane, whereby the garment is provided with zones of variable elasticity, characterized in that strong compression zones and/or support tapes providing a high degree of support are knitted into the garment, that such compression zones are arranged in the abdominal, pelvic and/or thigh region, which can slim the problem zones, and that at least in part, several compression zones of variable elasticity gradually join each other. This can be accomplished by using a stronger yarn, i.e. a higher titer.

20

[0011] According to a special embodiment of the invention, the buttock areas are at least partly surrounded by such supporting compression zones, while they themselves represent zones of low compression, which allows the modelling of the buttock areas. According to an advantageous embodiment, the buttock areas are completely surrounded by such supporting compression zones. According to a special embodiment of the invention, the zones of lower compression in the buttock areas are slightly transparent.

30

- 3 -

[0012] According to another special embodiment of the invention, a circular-knit corset belt is provided with strips of higher compression which extend at least partly in a diamond pattern, border on zones of lower compression in the abdominal and/or buttock region and include
5 zones of medium compression (3) in the pelvic region.

[0013] The garment according to the invention can have zones of variable transparency and support effect which may contain particulars such as size, material composition and/or laundry instructions, which are preferably knitted and integrated into the trim of the material; it can be
10 provided with soft, wide and non-incisive trim sections, it can be provided with a yarn with antibacterial action, it can be breathable, sweat-absorbing and/or quick-drying, and it may have micromassage naps. It is bi-elastic and form-fitting.

BRIEF DESCRIPTION OF SEVERAL VIEWS OF THE DRAWINGS

[0014] By means of practical examples, the invention is described in detail below with refer-
15 ence to the drawings, where

[0015] Fig. 1 shows a frontal and rear view of a women's top;

[0016] Fig. 2 shows a frontal and rear view of a sleeveless shirt;

20

[0017] Fig. 3 shows a frontal and rear view of hot pants;

[0018] Fig. 4 shows a frontal and rear view of underpants with leg portions;

25 [0019] Fig. 5 shows a model wearing underpants, diagonally from the rear;

[0020] Fig. 6 and Fig. 7 show the frontal and rear view of two versions of skirts;

[0021] Fig. 8a and Fig. 8b show the front and rear sides of a circular-knit corset belt;

30

[0022] Fig. 9 shows man's underpants;

- 4 -

[0023] Fig. 10 shows a rear view of corset pants;

[0024] Fig. 11 shows a frontal view of corset pants;

5 [0025] Fig. 12 shows a frontal view of a corset skirt with panty insert;

[0026] Fig. 13 shows a rear view of a corset skirt with panty insert.

DETAILED DESCRIPTION OF THE INVENTION

10 [0027] In Fig. 1 und 2, the zones of variable compression are identified with numbers in ascending order, whereby 5 indicates the zones of highest compression and 1 the zones of lowest compression, i.e. with the slightest support and lift effect. Fig. 1 and 2 show a particularly preferred embodiment of the invention in which lamellar zones/tapes of relatively high compression 3 extend from the armpits or from the area below the upper arms to the shoulders and then
15 crosswise over the back.

[0028] This arrangement has an uplifting and unburdening effect on the upper torso. In the shown in Fig. 1, an extension of the lamellar zone / tape of higher compression runs from the armpits below the breast diagonally across the upper torso, thus exercising a lifting and shaping
20 effect on the breast. The zones of greater compression 4 extend across the lower back region and the abdominal region and serve to shape the figure. In the top / shirt with short or long sleeves shown in Fig. 2, a tape is also provided whose elasticity 5 is yet one degree stronger. The bathing trunks shown in Fig. 3 and abdominal control pants shown in Fig. 4 are also provided with the zones of high compression 4, running primarily around the waist, whereby tapes
25 or strips of medium elasticity 2, 3 are also present, and the breast portion of the bathing suit has low compression with low titer and low yarn strength, while the area that supports the region below the breast has a higher compression.

[0029] In Fig. 3 to Fig 7, the zones of variable elasticity are shown with numbers in ascending
30 order, whereby 1 represents the zones of the lowest compression and 4 the zones of the highest compression, i.e. with the greatest support and modelling effect. It can be seen in Fig. 3 to 7 that the zones of highest compression 4 have a shaping effect on the thighs and that the buttock

- 5 -

areas are the zones of the lowest compression 1. Since the buttock areas are surrounded by zones of higher compression 2, 3 (Fig. 3, 4 and 6), or 4 (Fig. 5 and 7), the result is a shaping, modeling effect which shows an attractive behind.

5 [0030] Fig. 8a and Fig. 8b show a circular-knit corset belt, whereby 8a shows the front view and 8b the back view. Around the abdominal region of low compression (1), runs a diamond-shaped structure of higher compression (4), which continues across both hips and leaves the buttocks exposed as a zone of low compression (1). At the hips, the diamond-shaped structure of higher compression (4) surrounds areas of medium compression (3), thus producing a shaping, modelling effect. Small cuffs provided above and below have a relatively low compression (2).

[0031] Fig. 9 shows a man's underpants which is provided with a zone of higher compression (4) around the abdomen and which has leg portions of relatively low compression (2) and a
15 waistband with medium compression (3).

[0032] Fig. 10 and 11 show corset pants with zones of higher compression 4 around the abdomen, whereby such a zone extends behind and below around the buttocks (Fig. 10) before leading diagonally upward in the front to end at the waistband (Fig. 11). In the legs, the corset pants
20 are provided with a band of low compression 1. These corset pants may, for example, be extended to become Capri pants or corset leggings, in which case the area of abdominal support can also be extended upwards. The corset pants are provided with a gusset 6 made of cotton or polyamide. As in the embodiments according to Fig. 3 to 7, the buttock areas are provided with zones of low compression.

25

[0033] Fig. 12 and 13 show a corset skirt with a panty insert which is formed of zones of higher compression 4. In the area of the buttocks and in the front of the thighs, zones of low compression 1 are provided, while the areas of the outer thighs are provided with zones of higher compression 3.

30

[0034] Of course, the embodiments shown can be combined with each other and can supplement each other. For example, the upper part of Fig. 1 can be designed in one piece with the